

TABLE I

	Patient #1	Patient #2	Patient #3
MR parameter			
K21	0.02830	0.04091	0.04370
Genes associated with inflammation			
Intercellular adhesion molecule 2	1.32	1.87	1.29
Intercellular adhesion molecule 3	0.22	0.58	0.44
Platelet/endothelial cell adhesion molecule	4.21	8.50	11.99
Selectin E (endothelial adhesion molecule 1)	1.50	1.55	2.99
Vascular cell adhesion molecule 1	1.61	3.61	3.52
Genes potentially associated with angiogenesis			
CD34 antigen	10.14	20.38	19.91
Fibronectin	0.59	0.53	0.48
Fibroblast growth factor 2 (basic)	1.17	2.12	1.77
Integrin, alpha V (vitronectin receptor, alpha)	0.56	1.66	1.13
Integrin, beta 3	N/A	0.25	0.52
Vascular endothelial growth factor	N/A	0.78	0.90
Vascular endothelial growth factor B	2.15	2.22	1.39
Vascular endothelial growth factor B (2nd copy)	N/A	2.05	1.50
Vascular endothelial growth factor C	0.67	0.77	0.93
Vitronectin	0.35	0.08	0.19

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FIG. 1

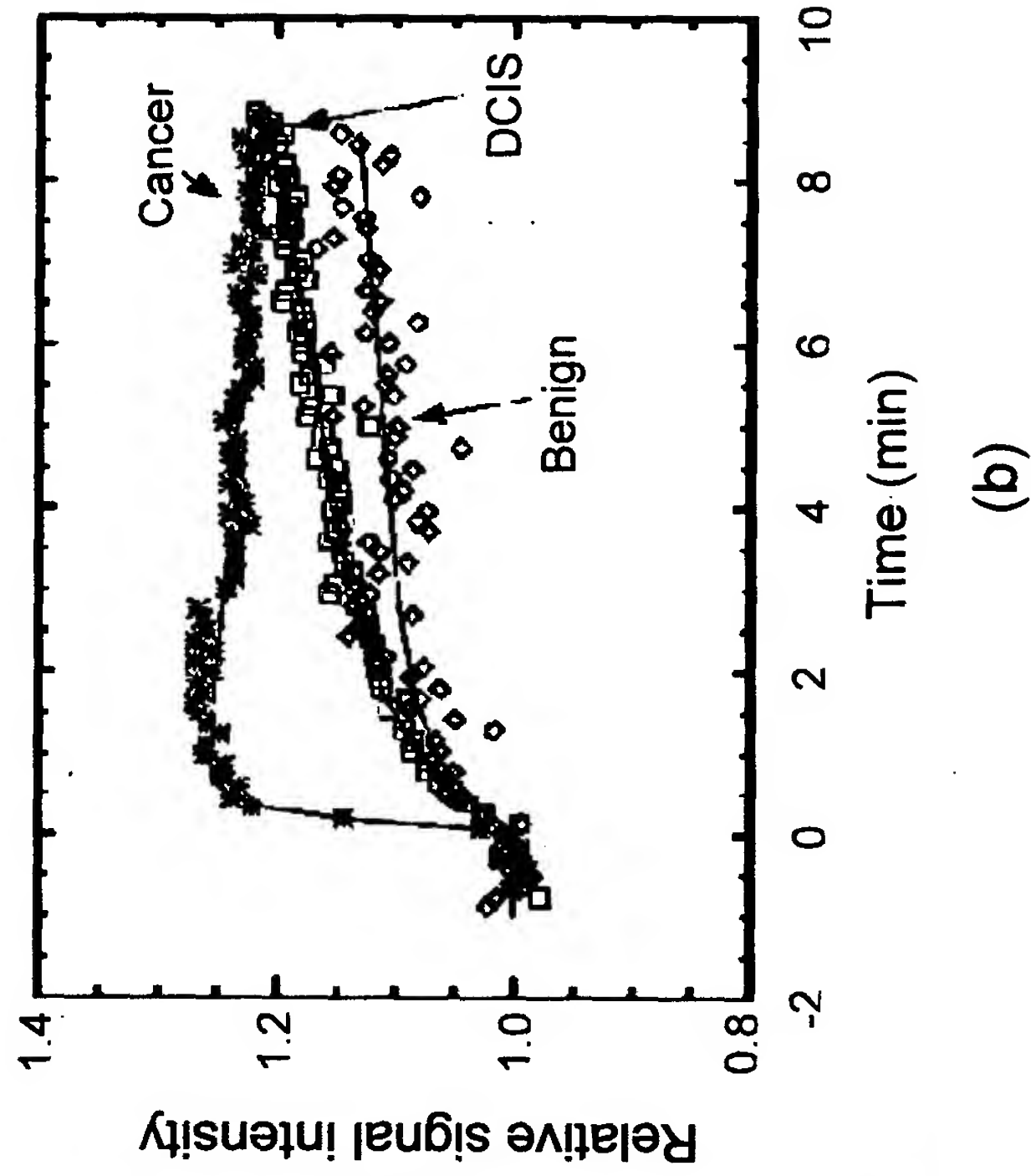
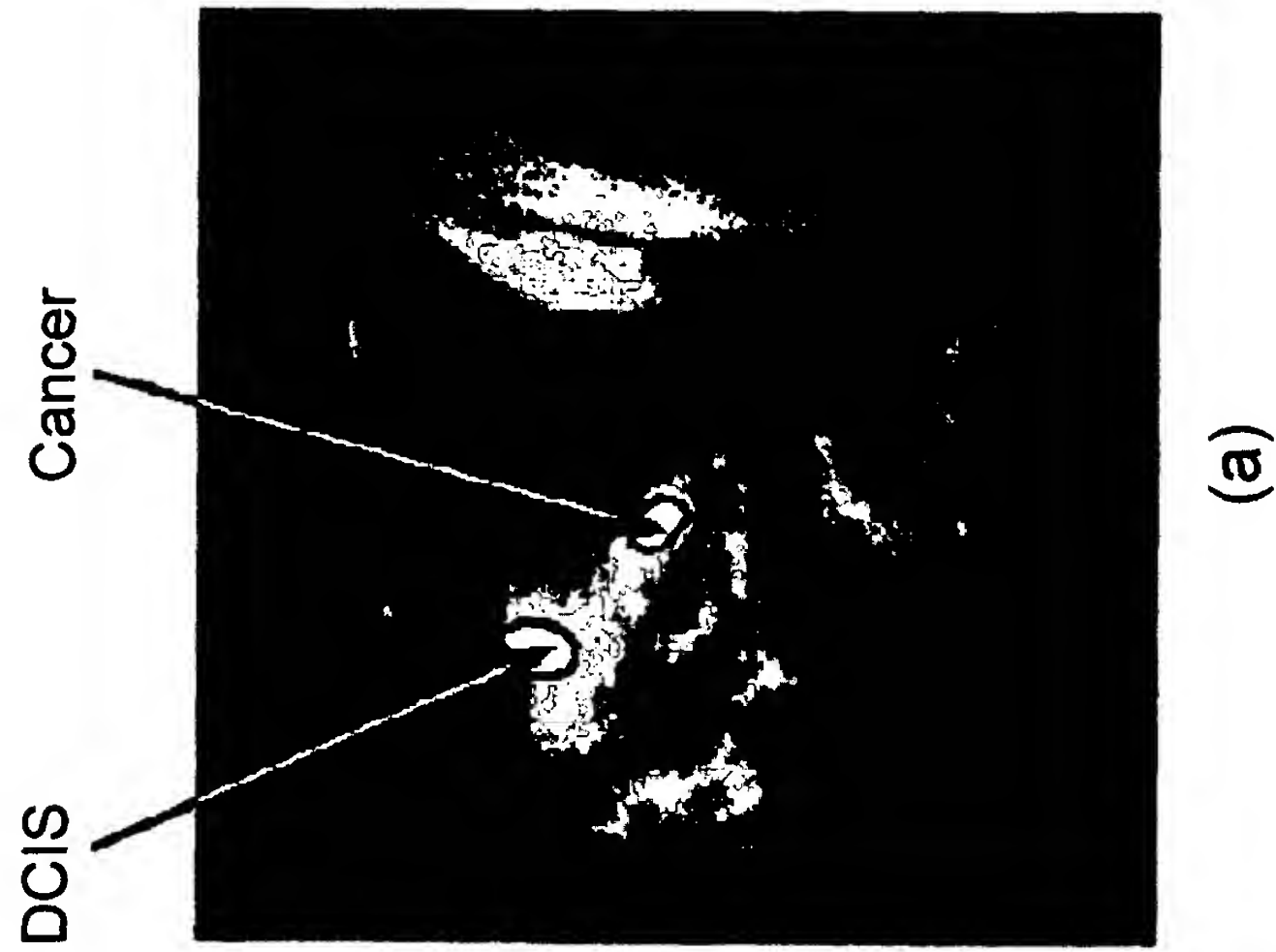
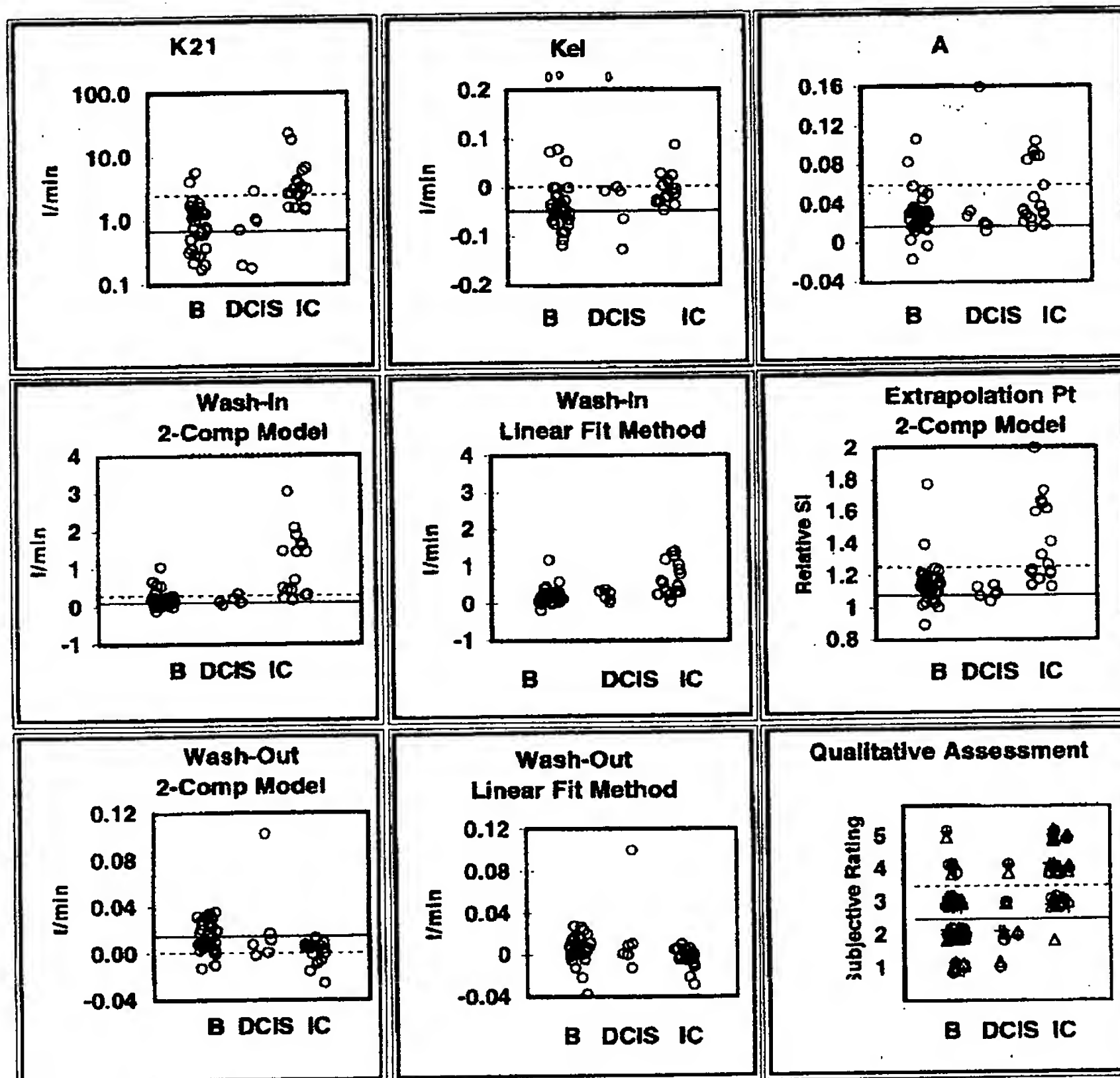


FIG. 2



TOP LEFT: BHEH001

FIG. 3

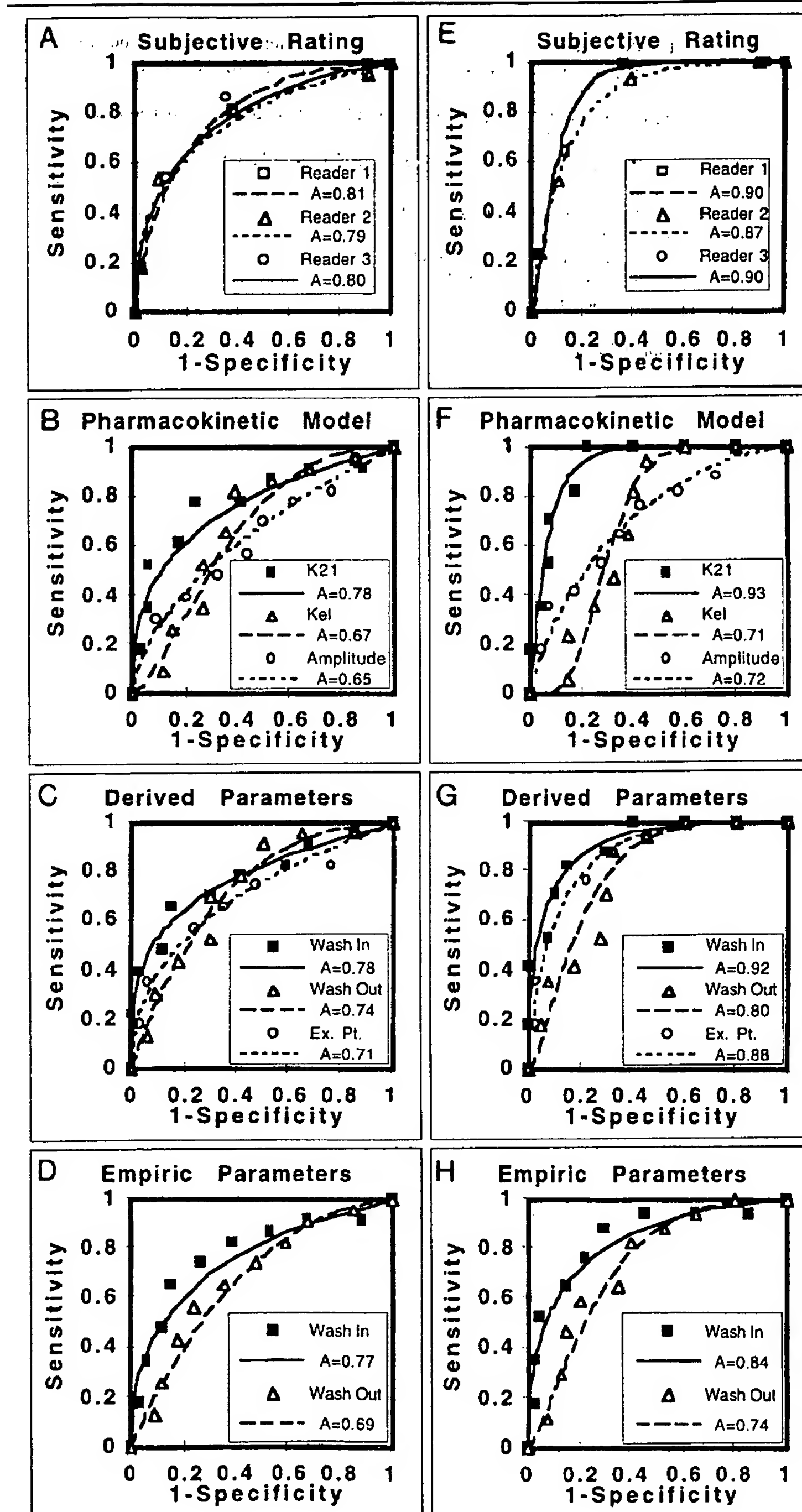
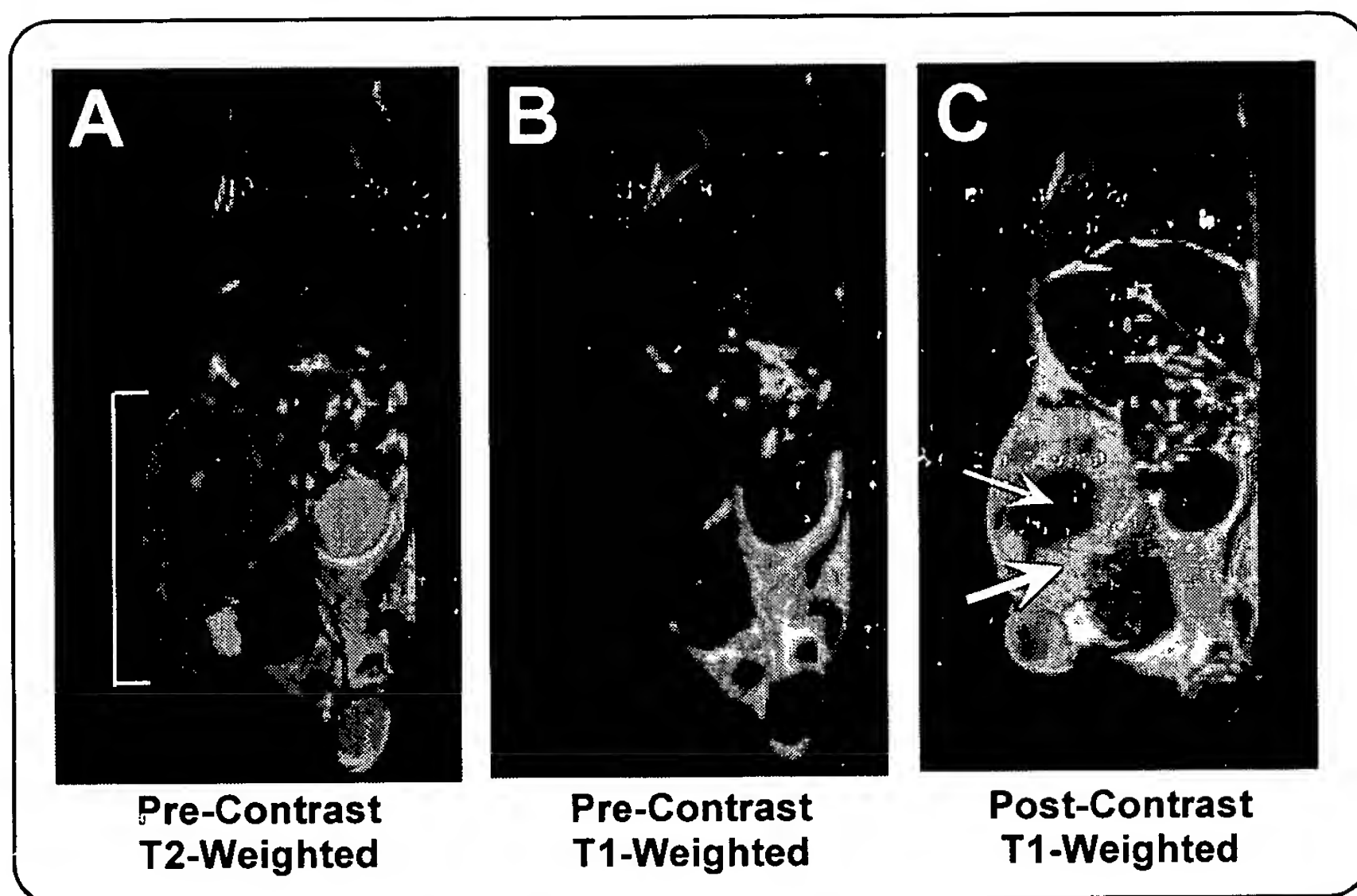


FIG. 4A

FIG. 4B

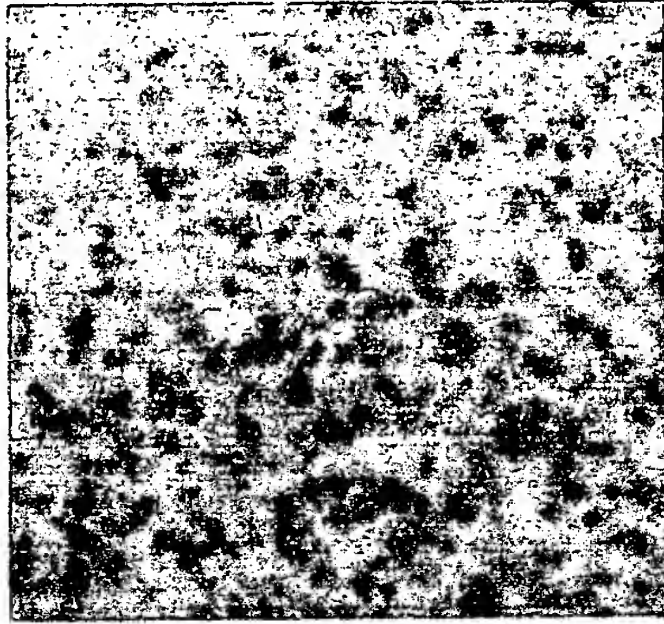
FIG. 4C



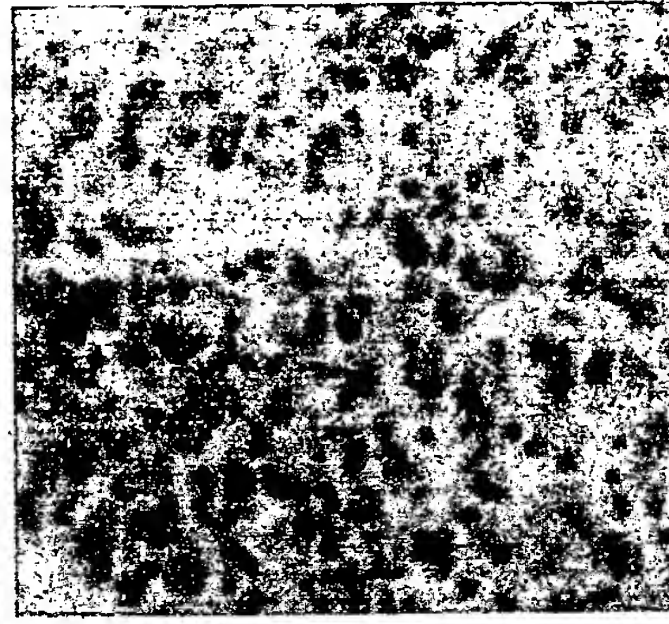
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FIG. 5A

FIG. 5B



(A) Contrast-Enhanced Area



(B) Non-Enhanced Area

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FIG. 6

Gene Expression Profile:
Stage 4 Tumors (n = 1)

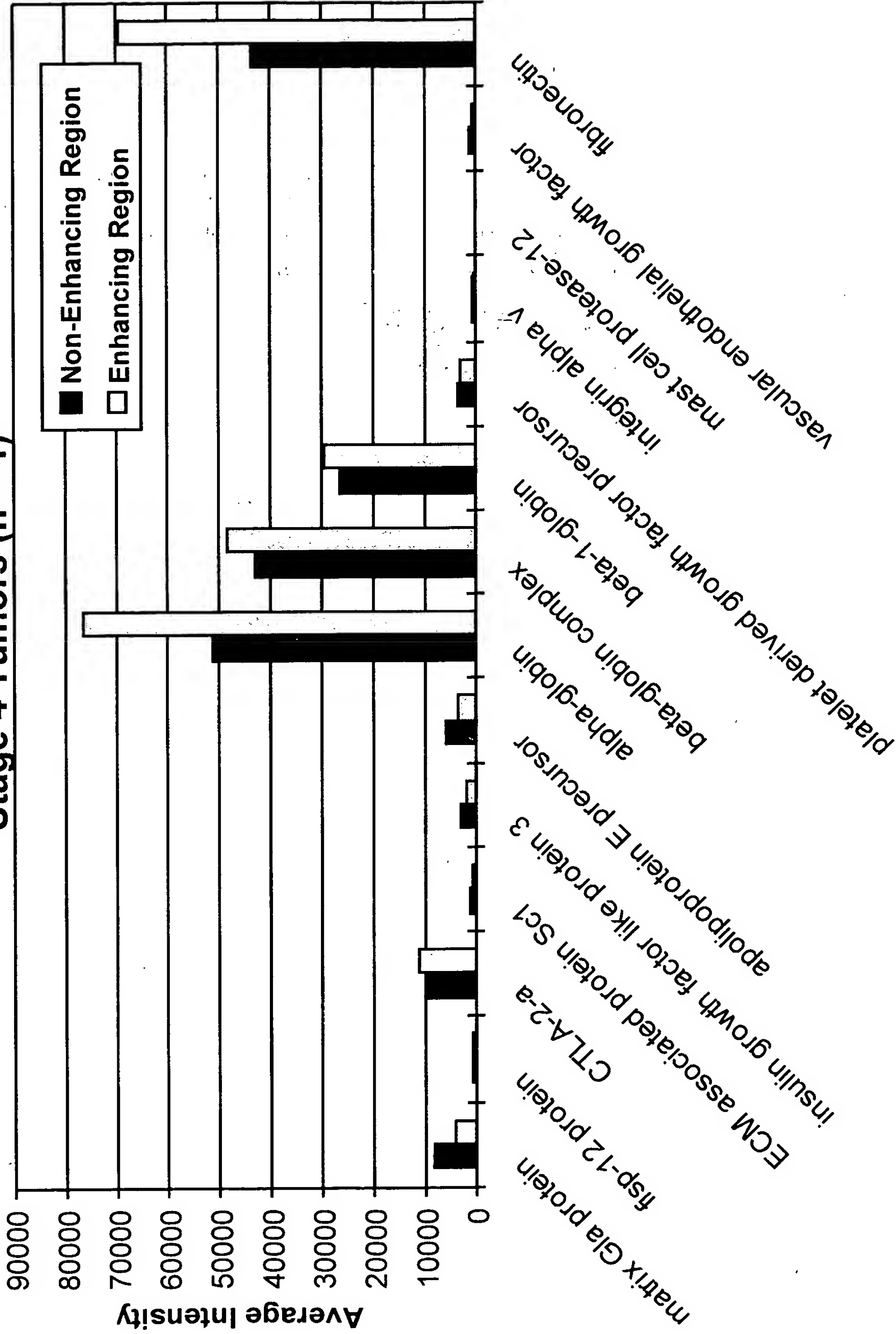
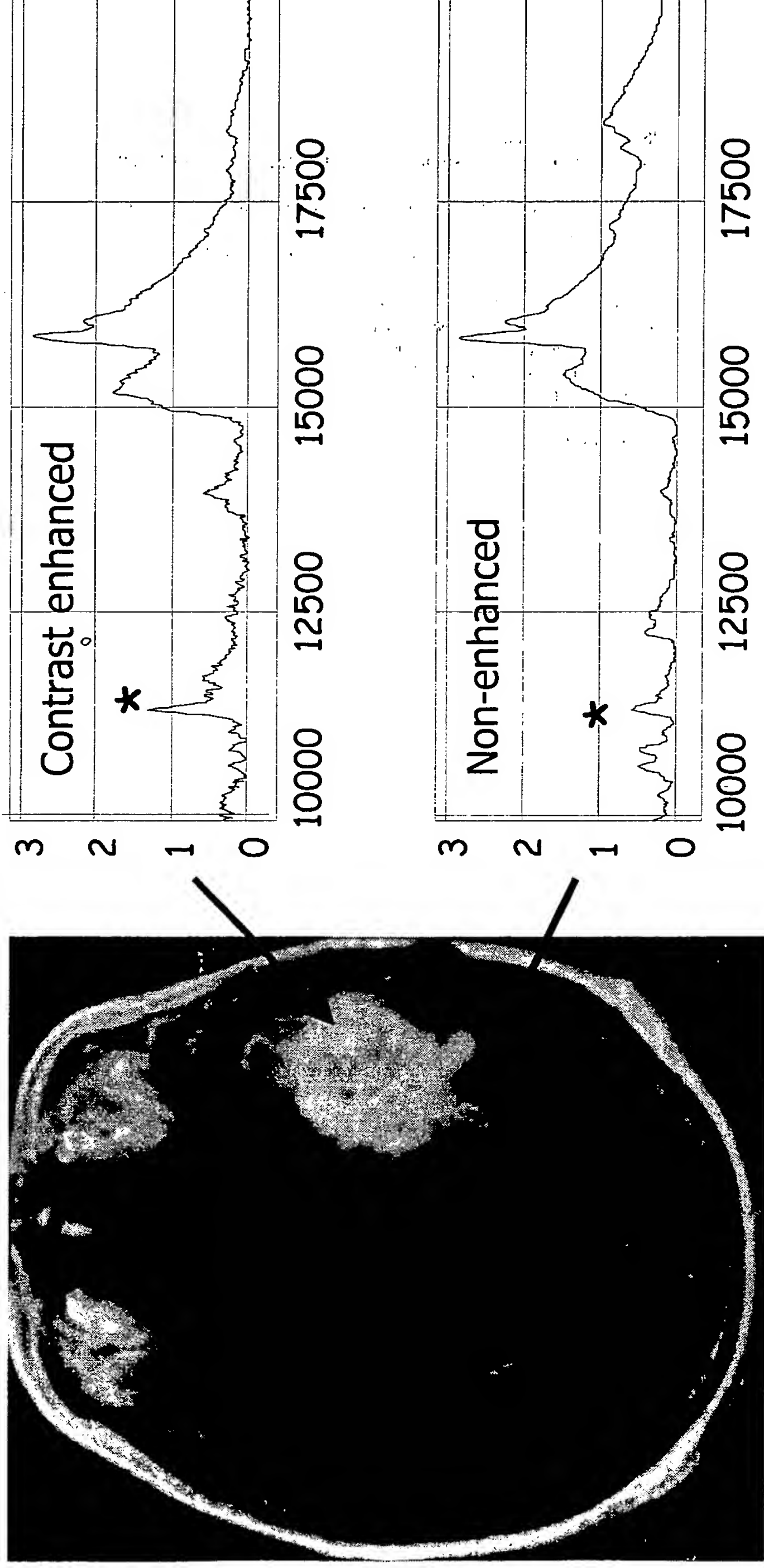


FIG. 7
MRI-guided Proteomics



SELDI-MS protein profiles